

The invention claimed is:

- 1 1. A method for partitioning code space in a communication system, comprising the steps
2 of:
3 dividing a code space into at least two subspaces, where codes in the first subspace are
4 assigned to at least one user at a time for a communication session and where all of the codes in
5 the second subspace are assigned to one user;
6 assigning a first code to a user currently using a second code in one subspace; and
7 performing an in-sector handoff of the user from the second code to the first code.
- 1 2. The method of claim 1, further comprising the step of assigning the second code to a
2 different subspace.
- 1 3. The method of claim 2, wherein the user is using the second code in the first subspace.
- 1 4. The method of claim 1, wherein the first subspace is used for voice communication.
- 1 5. The method of claim 1, wherein the second subspace is used for data communication.
- 1 6. A method for partitioning code space in a communication system, comprising the steps
2 of:
3 dividing a code space into at least two subspaces, where codes in the first subspace are
4 assigned to at least one user at a time for a communication session and where all of the codes in
5 the second subspace are assigned to one user;
6 assigning a first code to a user currently using a second code in one subspace;
7 handing off the user from the second code to the first code; and
8 assigning the second code to a different subspace.
- 1 7. The method of claim 6, wherein the user is using the second code in the first subspace.
- 1 8. The method of claim 6, wherein the first subspace is used for voice communication.
- 1 9. The method of claim 6, wherein the second subspace is used for data communication.

1 10. A method for partitioning code space in a communication system, comprising the
2 steps of:
3 dividing a code space into at least two subspaces, where codes in the first subspace are
4 assigned to at least one user at a time for a communication session and where all of the codes in
5 the second subspace are assigned to one of a plurality of users on a time shared basis;
6 assigning a first code to a user currently using a second code in one subspace; and
7 handing off the user from the second code to the first code; and
8 assigning the second code to a different subspace.

1 11. The method of claim 10, wherein the user is using the second code in the first
2 subspace.

1 12. The method of claim 10, wherein the first subspace is used for voice communication.

1 13. The method of claim 10, wherein the second subspace is used for data
2 communication.

1 14. A method for partitioning code space in a communication system, comprising the
2 steps of:
3 dividing a code space into at least two subspaces, where codes in the first subspace are
4 assigned to at least one user at a time for a communication session and where all of the codes in
5 the second subspace are assigned to one of a plurality of users on a time shared basis;
6 assigning a first code to a user currently using a second code in one subspace; and
7 performing an in-sector handoff of the user from the second code to the first code.
8

1 15. The method of claim 14, further comprising the step of assigning the second code to
2 a different subspace.

1 16. The method of claim 15, wherein the user is using the second code in the first
2 subspace.

1 17. The method of claim 14, wherein the first subspace is used for voice communication.

Country	Year	Population (millions)	Urban population (millions)	Urban population (%)	Population density (per sq km)	Urban population density (per sq km)	Population growth rate (%)	Urban population growth rate (%)	Population growth rate (%)	Urban population growth rate (%)	Population growth rate (%)	Urban population growth rate (%)
Algeria	1980	11.0	4.0	36.4	10.0	10.0	1.5	1.5	1.5	1.5	1.5	1.5
Algeria	1985	11.5	4.5	39.1	10.5	10.5	1.5	1.5	1.5	1.5	1.5	1.5
Algeria	1990	12.0	5.0	41.7	11.0	11.0	1.5	1.5	1.5	1.5	1.5	1.5
Algeria	1995	12.5	5.5	44.0	11.5	11.5	1.5	1.5	1.5	1.5	1.5	1.5
Algeria	2000	13.0	6.0	46.2	12.0	12.0	1.5	1.5	1.5	1.5	1.5	1.5
Algeria	2005	13.5	6.5	48.1	12.5	12.5	1.5	1.5	1.5	1.5	1.5	1.5
Algeria	2010	14.0	7.0	50.0	13.0	13.0	1.5	1.5	1.5	1.5	1.5	1.5
Algeria	2015	14.5	7.5	51.7	13.5	13.5	1.5	1.5	1.5	1.5	1.5	1.5
Algeria	2020	15.0	8.0	53.3	14.0	14.0	1.5	1.5	1.5	1.5	1.5	1.5
Algeria	2025	15.5	8.5	54.8	14.5	14.5	1.5	1.5	1.5	1.5	1.5	1.5
Algeria	2030	16.0	9.0	56.3	15.0	15.0	1.5	1.5	1.5	1.5	1.5	1.5
Algeria	2035	16.5	9.5	57.6	15.5	15.5	1.5	1.5	1.5	1.5	1.5	1.5
Algeria	2040	17.0	10.0	58.8	16.0	16.0	1.5	1.5	1.5	1.5	1.5	1.5
Algeria	2045	17.5	10.5	60.0	16.5	16.5	1.5	1.5	1.5	1.5	1.5	1.5
Algeria	2050	18.0	11.0	61.1	17.0	17.0	1.5	1.5	1.5	1.5	1.5	1.5
Algeria	2055	18.5	11.5	62.2	17.5	17.5	1.5	1.5	1.5	1.5	1.5	1.5
Algeria	2060	19.0	12.0	63.2	18.0	18.0	1.5	1.5	1.5	1.5	1.5	1.5
Algeria	2065	19.5	12.5	64.1	18.5	18.5	1.5	1.5	1.5	1.5	1.5	1.5
Algeria	2070	20.0	13.0	65.0	19.0	19.0	1.5	1.5	1.5	1.5	1.5	1.5
Algeria	2075	20.5	13.5	65.9	19.5	19.5	1.5	1.5	1.5	1.5	1.5	1.5
Algeria	2080	21.0	14.0	66.7	20.0	20.0	1.5	1.5	1.5	1.5	1.5	1.5
Algeria	2085	21.5	14.5	67.4	20.5	20.5	1.5	1.5	1.5	1.5	1.5	1.5
Algeria	2090	22.0	15.0	68.2	21.0	21.0	1.5	1.5	1.5	1.5	1.5	1.5
Algeria	2095	22.5	15.5	68.9	21.5	21.5	1.5	1.5	1.5	1.5	1.5	1.5
Algeria	2100	23.0	16.0	69.6	22.0	22.0	1.5	1.5	1.5	1.5	1.5	1.5
Algeria	2105	23.5	16.5	70.2	22.5	22.5	1.5	1.5	1.5	1.5	1.5	1.5
Algeria	2110	24.0	17.0	70.8	23.0	23.0	1.5	1.5	1.5	1.5	1.5	1.5
Algeria	2115	24.5	17.5	71.4	23.5	23.5	1.5	1.5	1.5	1.5	1.5	1.5
Algeria	2120	25.0	18.0	72.0	24.0	24.0	1.5	1.5	1.5	1.5	1.5	1.5
Algeria	2125	25.5	18.5	72.6	24.5	24.5	1.5	1.5	1.5	1.5	1.5	1.5
Algeria	2130	26.0	19.0	73.1								